

FIG. 1A

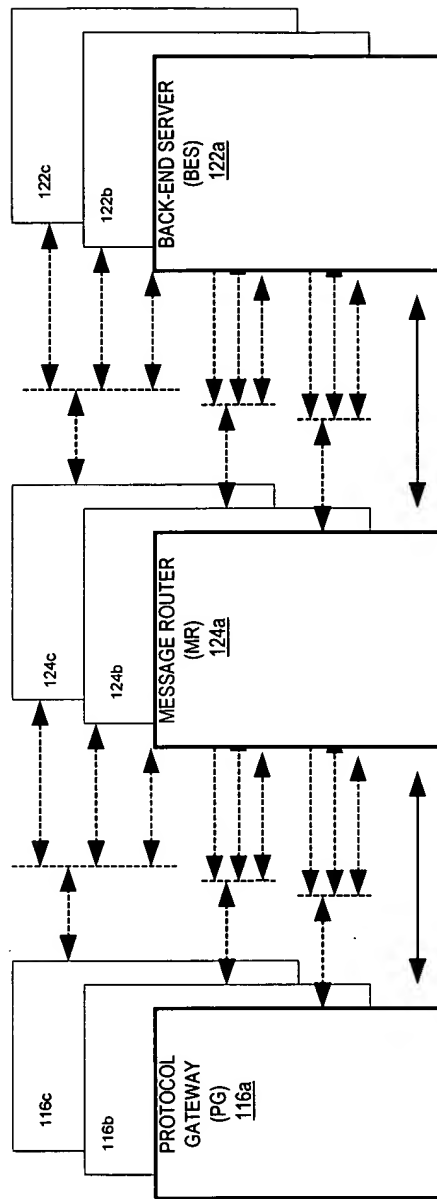


FIG. 1B

138

DURING DISCOVERY SERVICES/REGISTRATION EACH BES  
REGISTERS:

SERVER ID,  
SERVICE TYPE, AND  
MESSAGE TYPE  
SUPPORTED BY EACH BES

ROUTING BASED ON CONTENT INSTEAD OF ADDRESS

UNIQUE MESSAGE KEY  
INCLUDES:

SERVER ID,  
SERVICE TYPE, AND  
MESSAGE TYPE

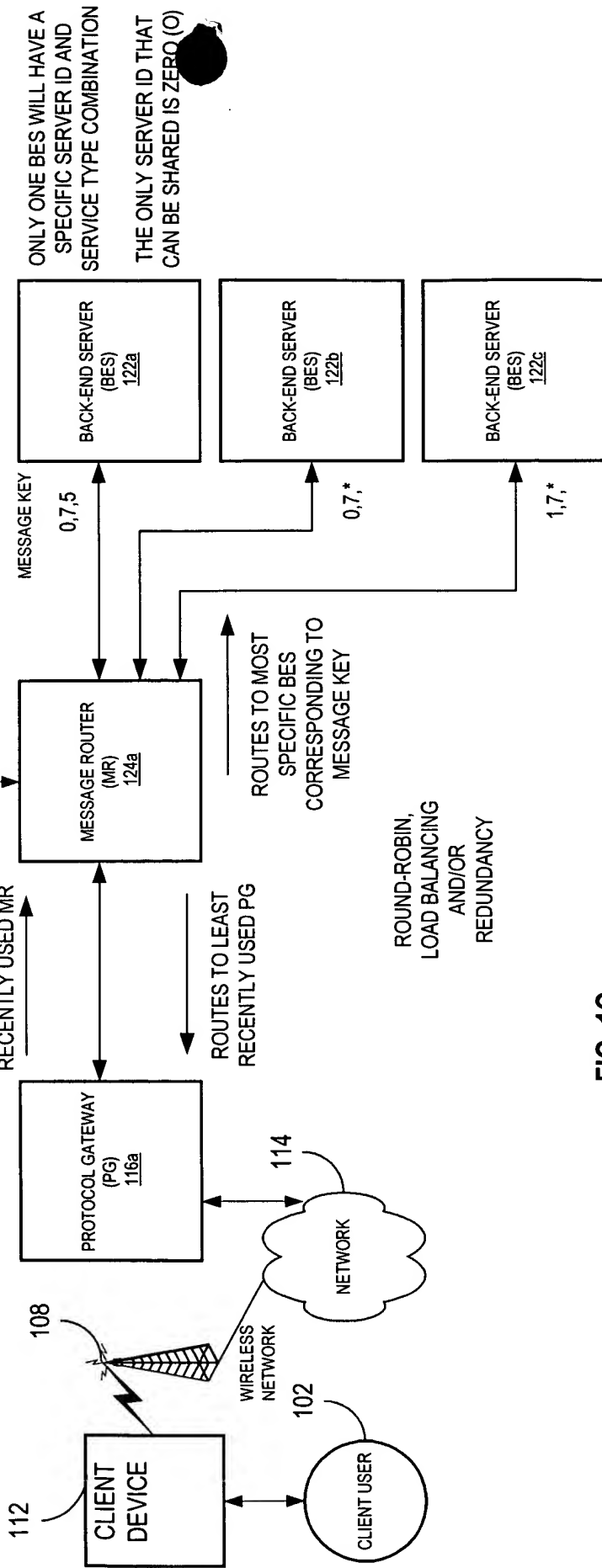


FIG. 1C

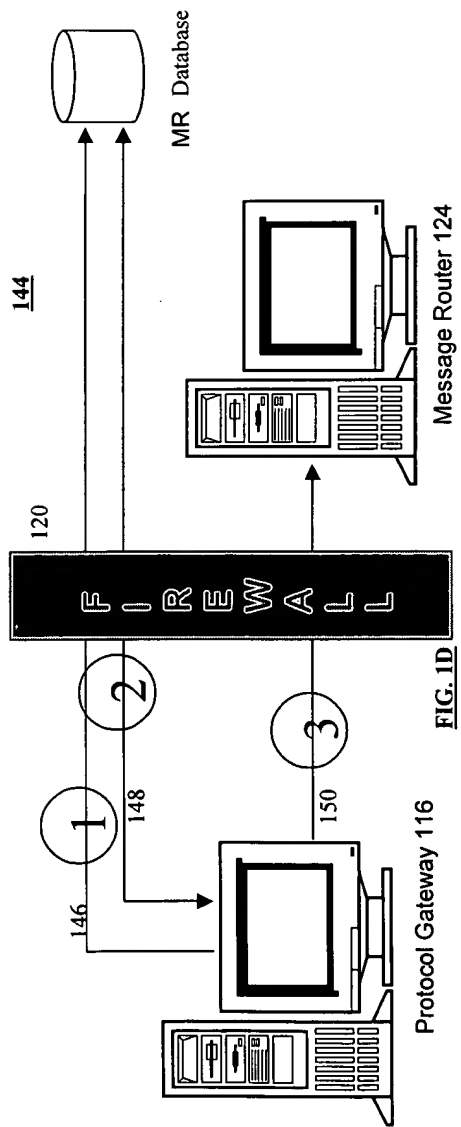


FIG. 1D

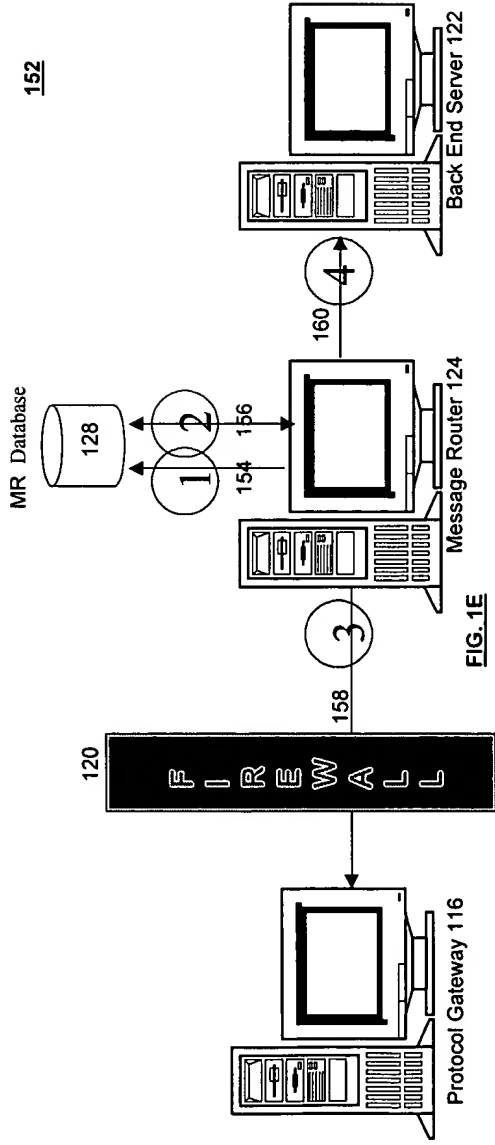


FIG. 1E

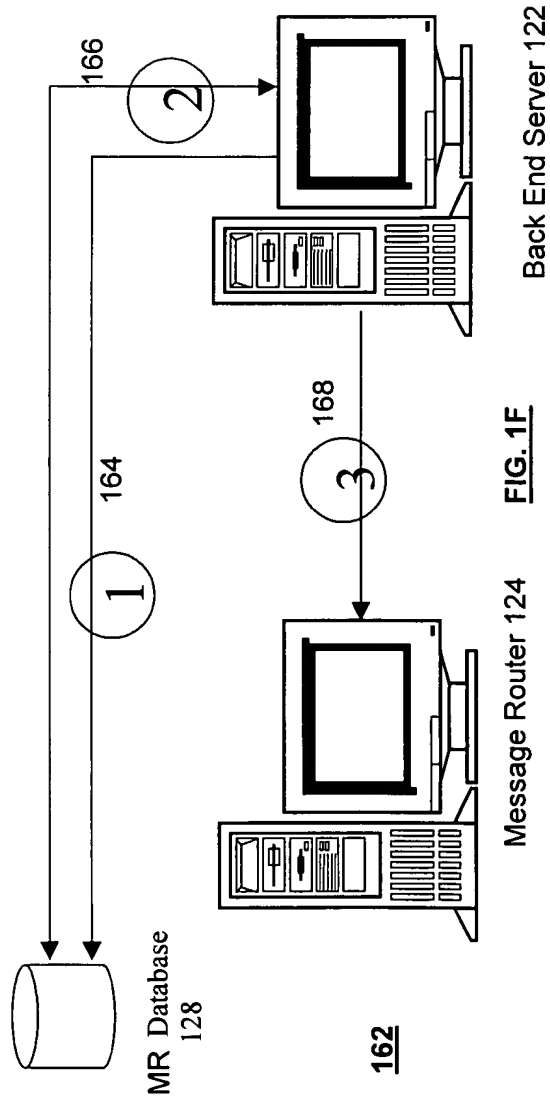


FIG. 1F

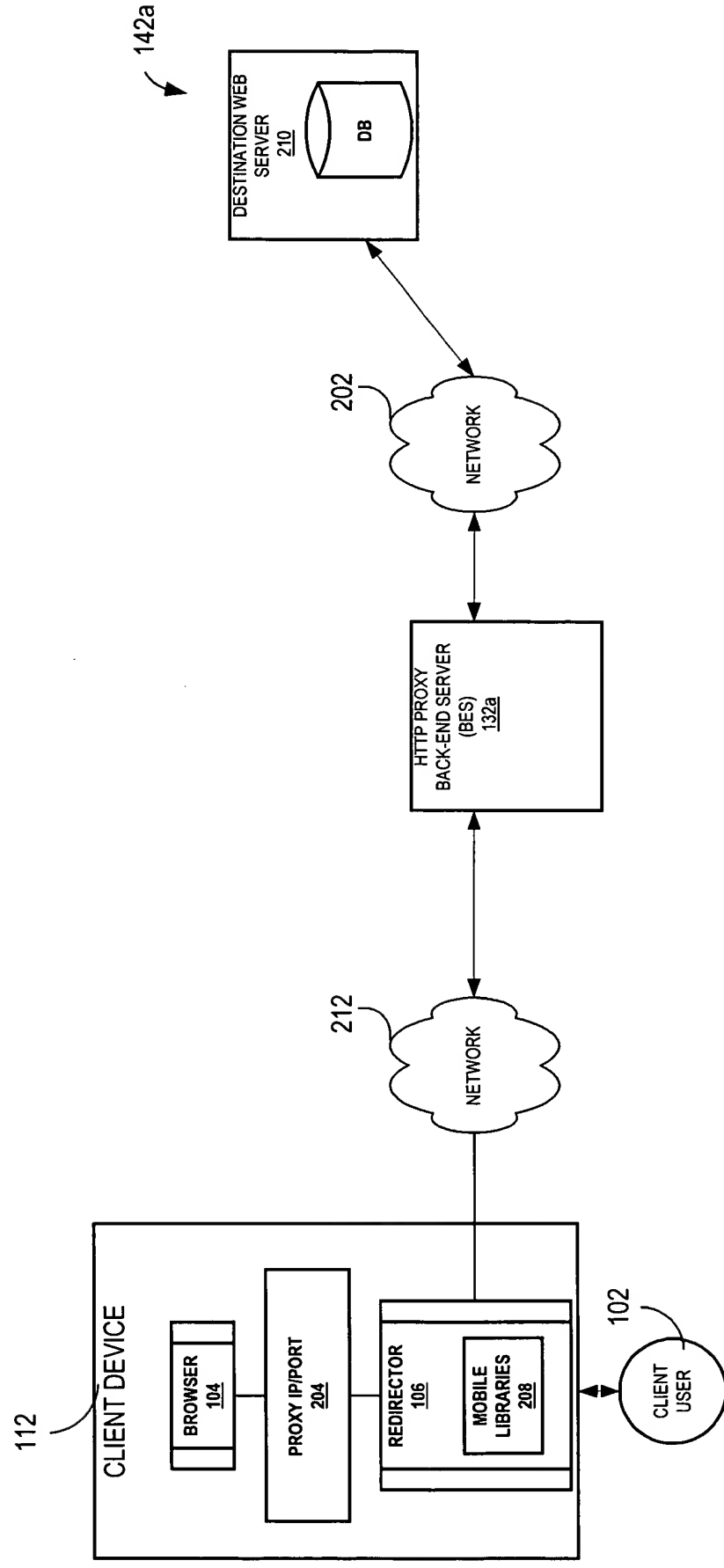


FIG. 2

OSI

LAYER  
7

APPLICATIONS LAYER  
302

LAYER  
4

SIMPLE NETWORK TRANSPORT LAYER (SNTL)  
304

LAYER  
3

NETWORK LAYER  
306

LAYERS  
1 & 2

PUBLIC  
SWITCHED  
TELEPHONE  
NETWORK  
(PSTN)  
308a

CELLULAR  
DIGITAL  
PACKET  
DATA  
(CDPD)  
308b

MOBITEX  
RIM  
308c

ARDIS  
308d

GPRS,  
OTHER, AND  
FUTURE  
WIRELESS  
PROTOCOLS  
...  
308e

GLOBAL  
SYSTEM  
FOR  
WIRELESS  
MESSAGING  
(GSM)  
308f

FIG. 3

400

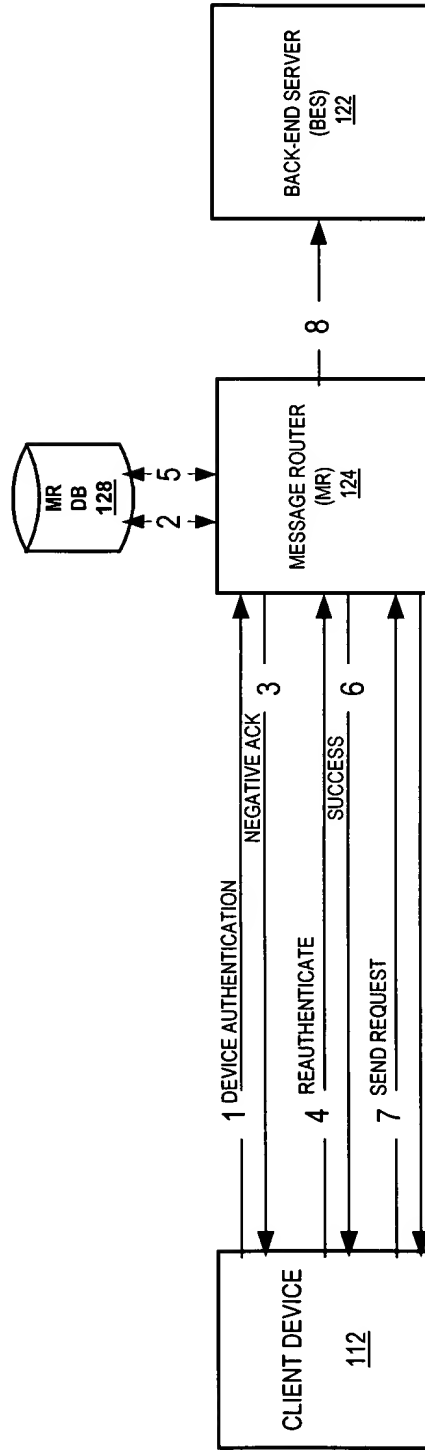


FIG. 4

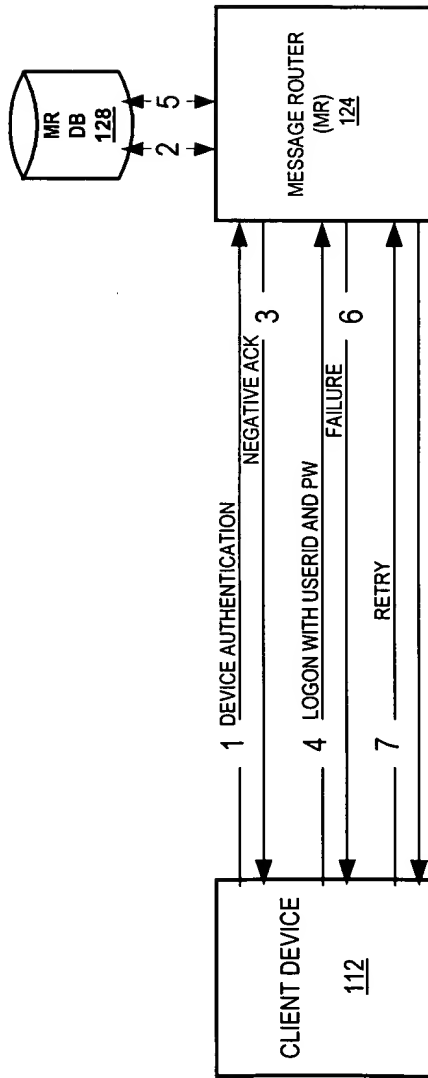


FIG. 5

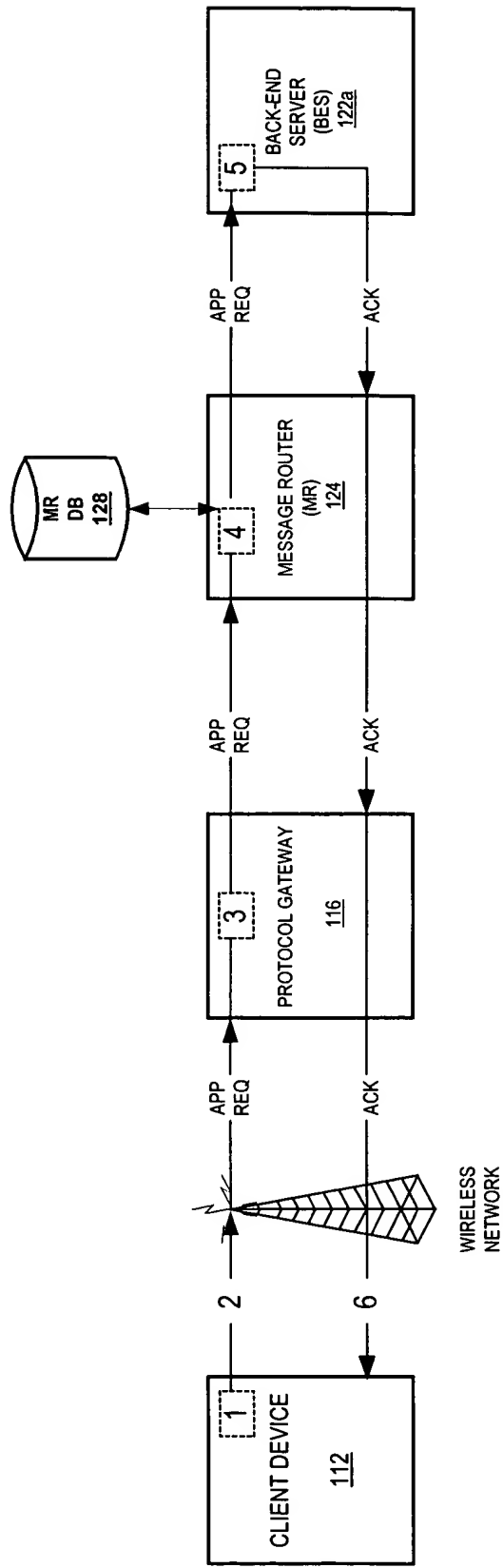


FIG. 6A

602

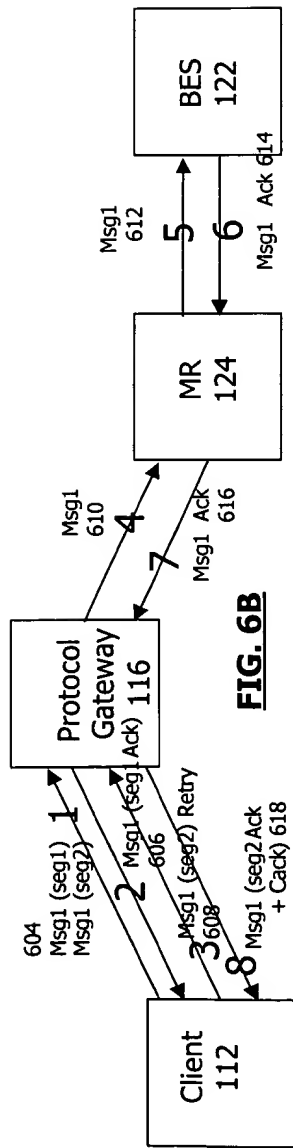


FIG. 6B

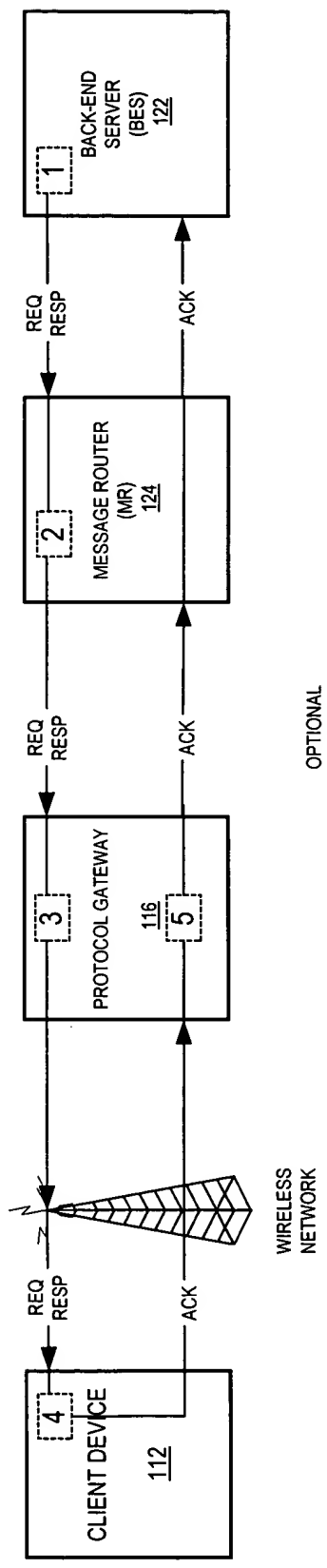
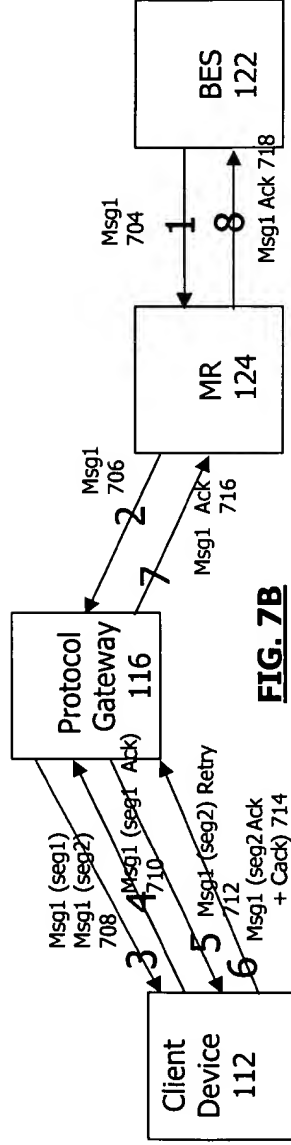


FIG. 7A



**FIG. 7B**

800

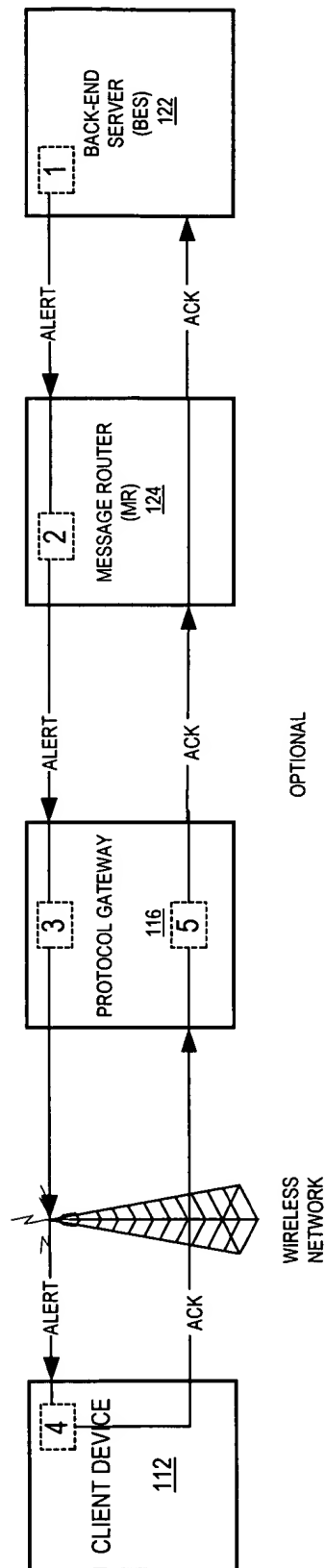


FIG. 8A

802

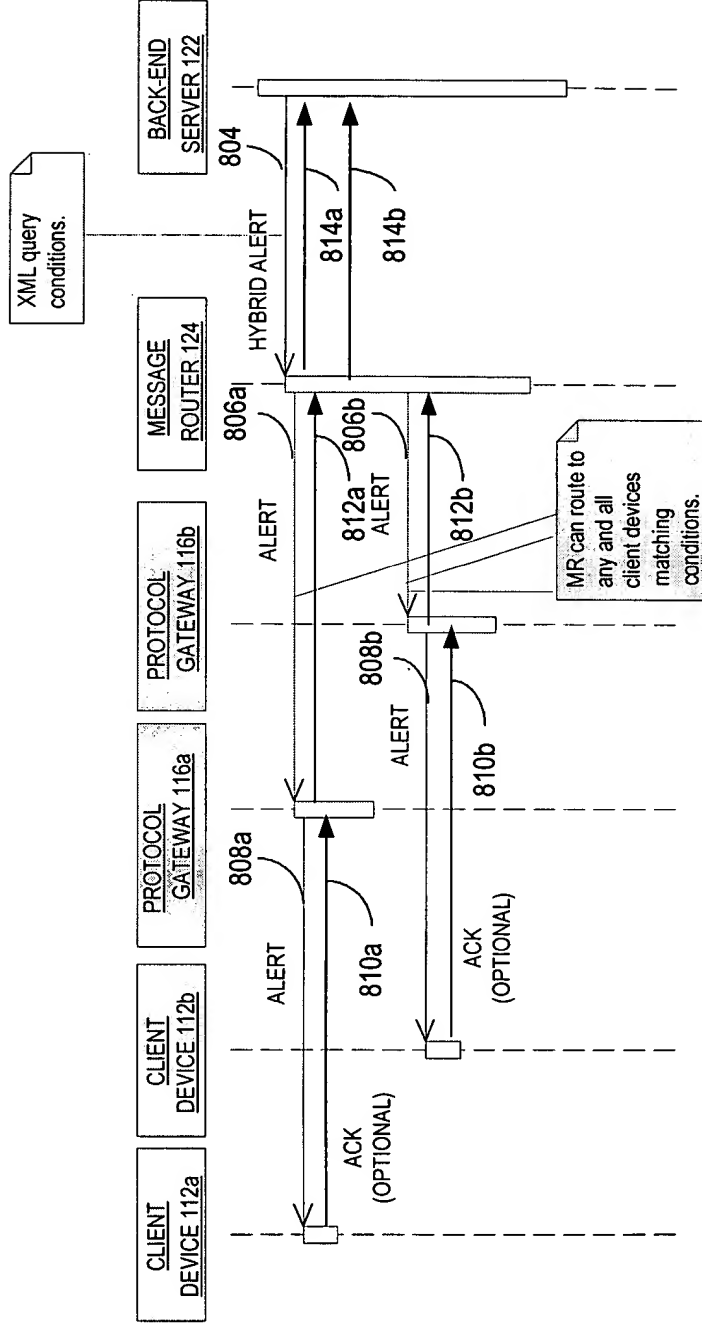


FIG. 8B

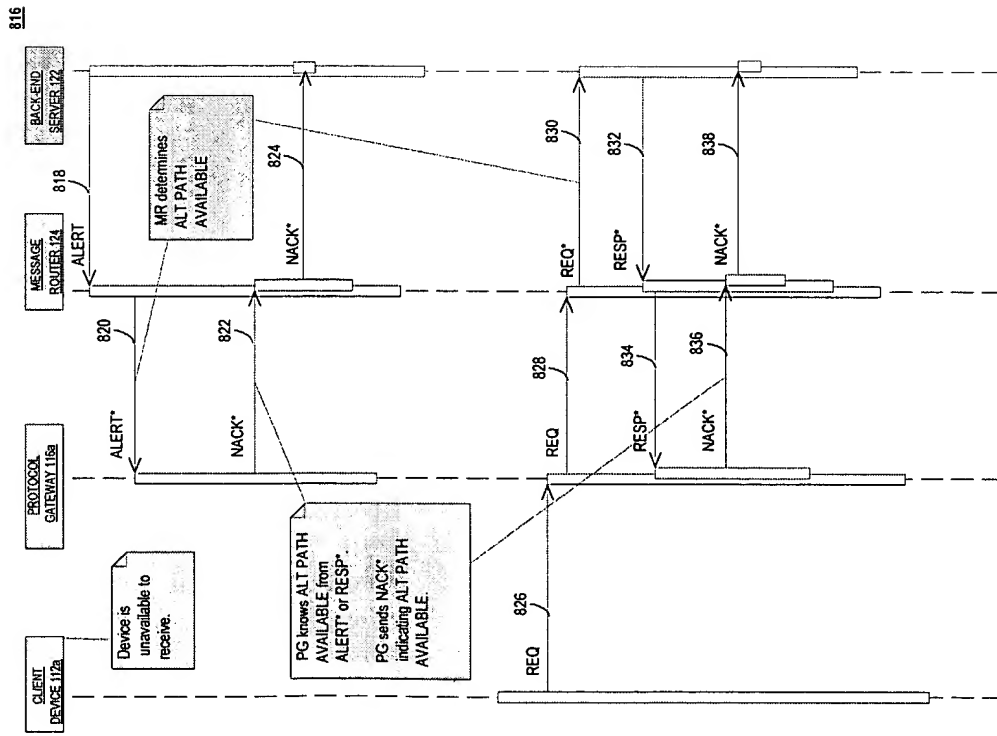


FIG. 8C

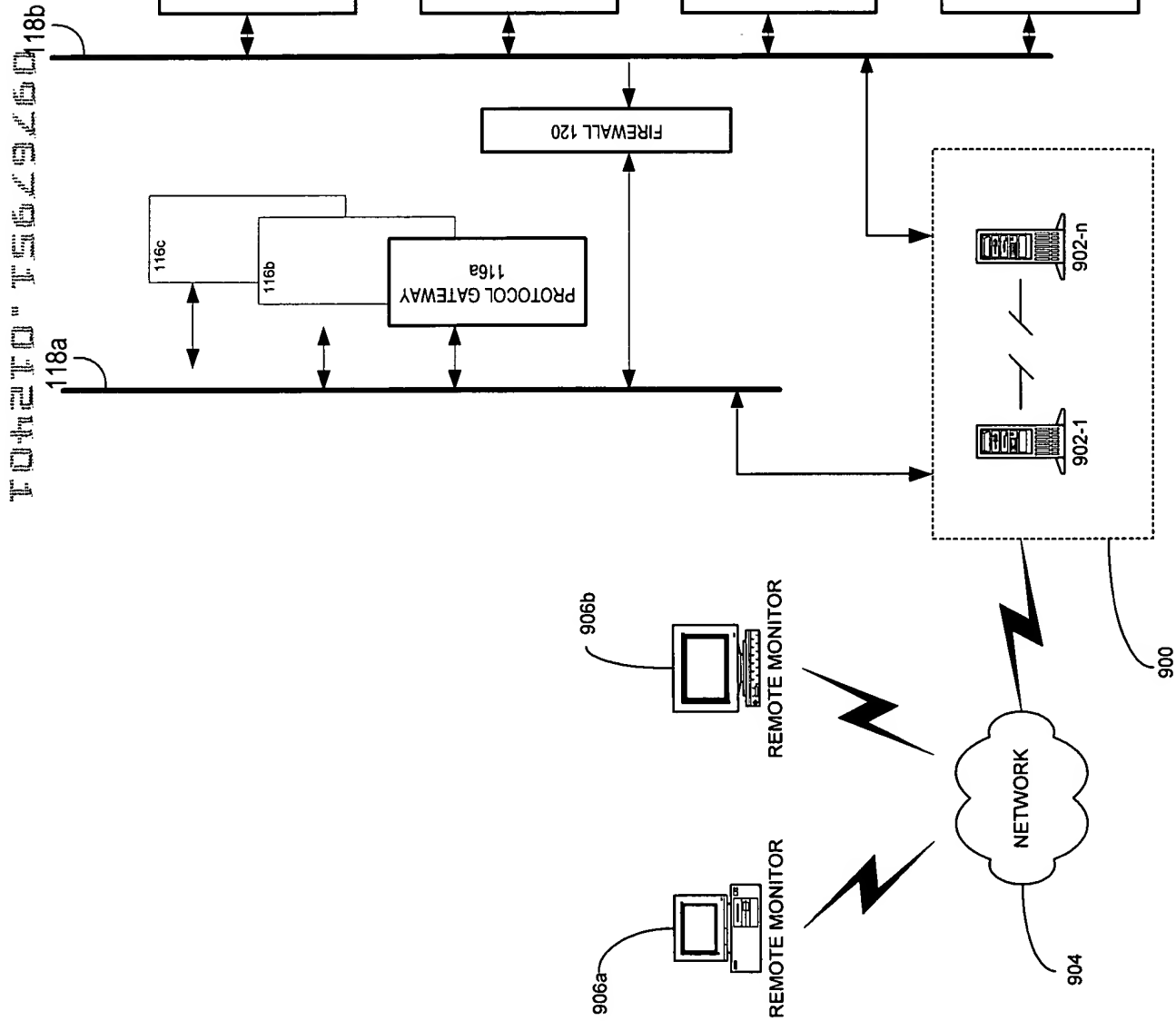


Fig. 9A

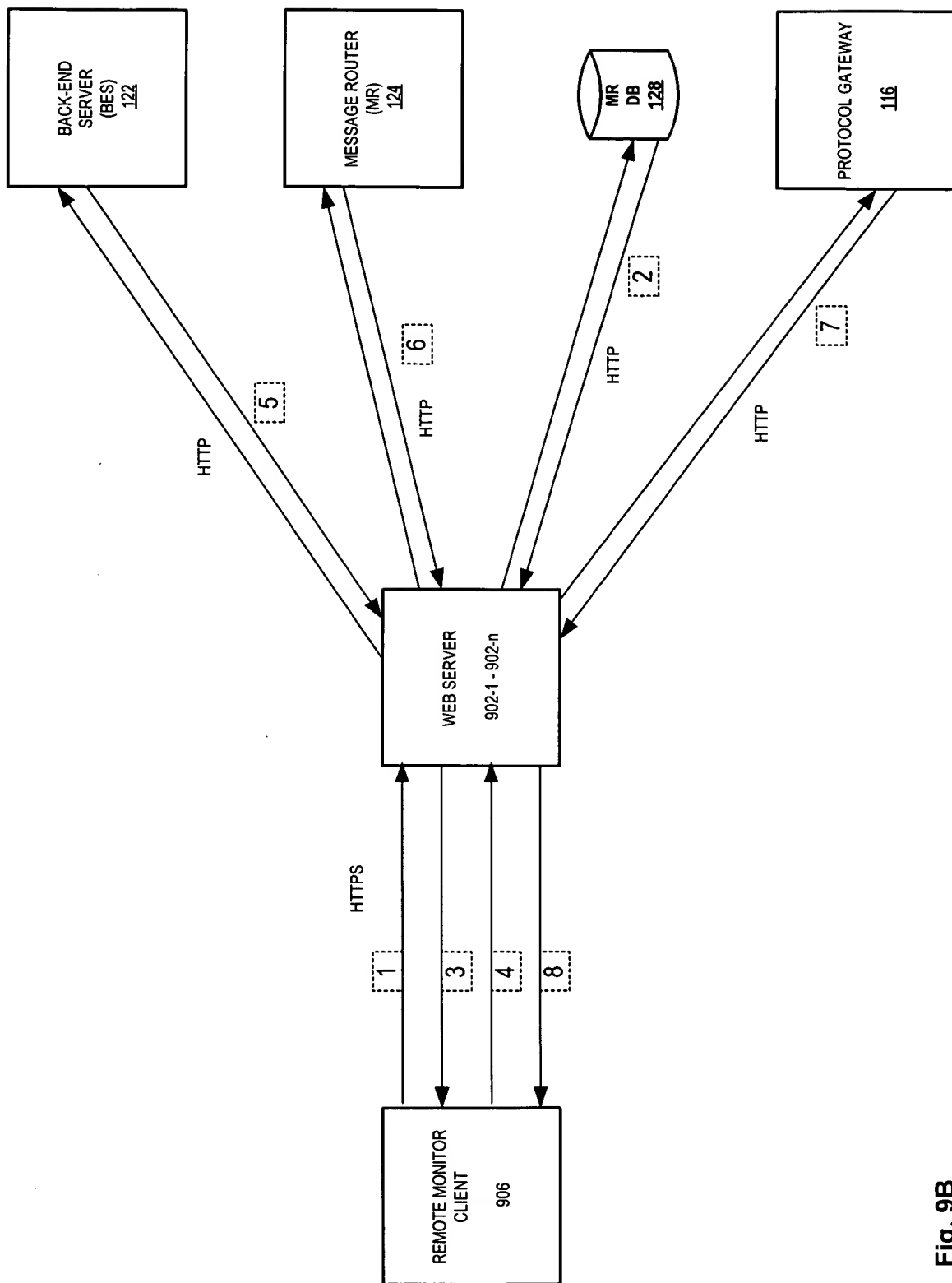


Fig. 9B

1000

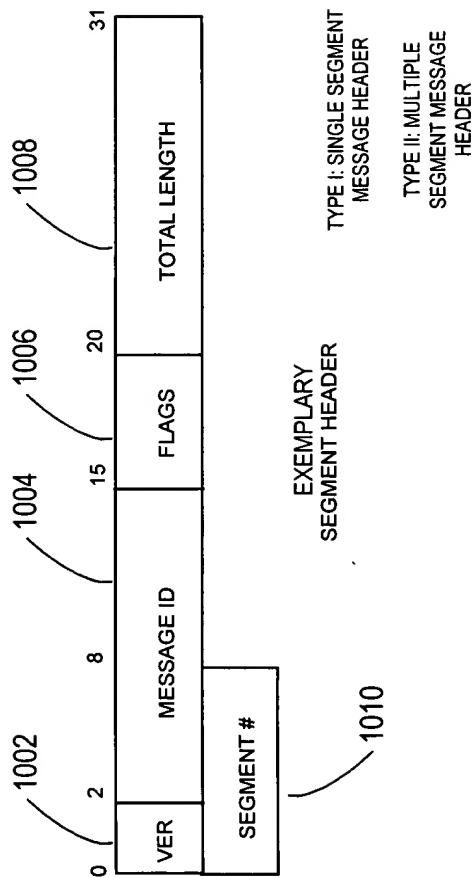


FIG. 10